

SEQUENCE LISTING

<110> Friddle, Carl Johan
Hilbun, Erin
Gerhardt, Brenda
Turner, C. Alexander Jr.

<120> Novel Human Ion Channel Protein and Polynucleotides Encoding the Same

<130> LEX-0251-USA

<150> US 60/239,623

<151> 2000-10-10

<160> 3

<170> FastSEQ for Windows Version 4.0

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<211> 1371

<212> DNA

<213> homo sapiens

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<210> 2

<211> 456

<212> PRT

<213> homo sapiens.

<400> 2

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09974712-101001

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Arg Phe Pro	Asp Thr Leu Leu Gly Asp Pro Ala Arg Arg Gly Arg Phe		
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Tyr Asp Asp	Ala Arg Arg Glu Tyr Phe Phe Asp Arg His Arg Pro Ser		
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Phe Asp Ala Val	Leu Tyr Tyr Tyr Gln Ser Gly Gly Arg Leu Arg Arg		
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Pro Ala His Val	Pro Leu Asp Val Phe Leu Glu Glu Val Ala Phe Tyr		
	85	90	95
Gly Leu Gly	Ala Ala Ala Leu Ala Arg Leu Arg Glu Asp Glu Gly Cys		
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Pro Val Pro	Pro Glu Arg Pro Leu Pro Arg Arg Ala Phe Ala Arg Gln		
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Leu Ala Val Val	Ser Val Leu Val Ile Leu Val Ser Ile Val Val Phe		
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Cys Leu Glu Thr	Leu Pro Asp Phe Arg Asp Asp Arg Asp Gly Thr Gly		
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Leu Ala Ala	Ala Ala Ala Gly Pro Phe Pro Ala Arg Leu Asn Gly		
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Ser Ser Gln Met	Pro Gly Asn Pro Pro Arg Leu Pro Phe Asn Asp Pro		
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Phe Phe Val Val	Glu Thr Leu Cys Ile Cys Trp Phe Ser Phe Glu Leu		
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Ser Leu Ala Ile	Leu Arg Val Ile Arg Leu Val Arg Val Phe Arg Ile		
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Phe Lys Leu Ser	Arg His Ser Lys Gly Leu Gln Ile Leu Gly Gln Thr		
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Leu Arg Ala Ser	Met Arg Glu Leu Gly Leu Leu Ile Phe Phe Leu Phe		
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Ile Gly Val Val	Leu Phe Ser Ser Ala Val Tyr Phe Ala Glu Val Asp		
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Arg Val Asp Ser	His Phe Thr Ser Ile Pro Glu Ser Phe Trp Trp Ala		
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Val Val Thr Met	Thr Thr Val Gly Tyr Gly Asp Met Ala Pro Val Thr		
	355	360	365
Val Gly Gly Lys	Ile Val Gly Ser Leu Cys Ala Ile Ala Gly Val Leu		
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Thr Ile Ser Leu	Pro Val Pro Val Ile Val Ser Asn Phe Ser Tyr Phe		
385	390	395	400
Tyr His Arg Glu	Thr Glu Gly Glu Glu Ala Gly Met Phe Ser His Val		
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Asp Met Gln Pro	Cys Gly Pro Leu Glu Gly Lys Ala Asn Gly Gly Leu		
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Gly Lys His Leu	Val Thr Glu Val		

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455

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 <211> 1792
 <212> DNA
 <213> homo sapiens

<400> 3

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